



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

3742  
9  
18

APPLICANT: Scott D. Miles  
APPLICATION NO.: 09/836,850  
FILING DATE: 04-16-2001  
TITLE: APPARATUS AND METHOD FOR  
PREVENTING FREE FLOW IN AN  
INFUSION LINE  
ART UNIT: 3742  
EXAMINER: Daniel Robinson  
DOCKET NO.: 0905.ZEVX.CI

CERTIFICATE OF MAILING  
UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, under 37 C.F.R. § 1.8 on the date indicated below and is addressed to Mail Stop Amendment - Fee, P.O. Box 1450, Commissioner of Patents, Alexandria, VA 22313-1450

Signature

2/15/05  
Date of Deposit

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

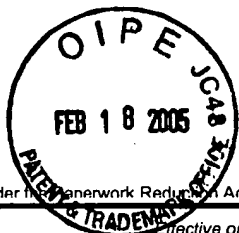
Mail Stop Amendment - Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.98(a)(1), enclosed is Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed, pursuant to 37 C.F.R. § 1.97(c)(2), has enclosed a credit card authorization in the amount of \$180.00 for entry of this Information Disclosure Statement, and requests that the references cited in the enclosed form PTO-1449 be made of record in the above-captioned application. While no representation is made that any of the references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no reference which is more relevant to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each listed reference or relevant portion thereof which is not a U.S. Patent or Patent Application and which has not been



PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).  
Effective on 12/08/2004.

# FEE TRANSMITTAL

## For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number	09/836,850
Filing Date	April 16, 2001
First Named Inventor	Scott D. Miles
Examiner Name	Daniel Robinson
Art Unit	3742
Attorney Docket No.	0905.ZEVX.CI

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 502720 Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, **except for the filing fee**☒ Charge any additional fee(s) or underpayments of fee(s)  
under 37 CFR 1.16 and 1.17☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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- 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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- 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Information Disclosure Statement

Fees Paid (\$)

180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 37,774	Telephone (801)533-0320
Name (Print/Type)	Randall B. Bateman	Date	2/15/05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

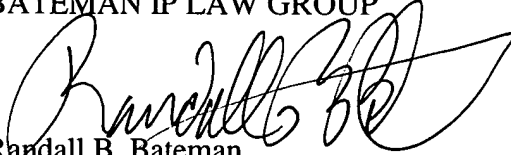
previously disclosed is also enclosed. Any listed reference that is not in the English language is accompanied by a concise explanation in English of its relevance as required under 37 C.F.R. § 1.98(a)(3)(i).

Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0270.

Dated this 15 day of Feb, 2005.

Respectfully submitted,

BATEMAN IP LAW GROUP

A handwritten signature in black ink, appearing to read "Randall B. Bateman", written over the printed name.

Randall B. Bateman

Reg. No. 37,774

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

9

Application Number	09/836,850
Filing Date	April 16, 2001
First Named Inventor	Scott D. Miles
Art Unit	3742
Examiner Name	Daniel Robinson
Attorney Docket Number	0905.ZEVX.CI

**ENCLOSURES (Check all that apply)**

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Return Postcard |
|---|--|--|

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Bateman IP Law Group		
Signature			
Printed name	Randall B. Bateman		
Date	2/15/05	Reg. No.	37,774

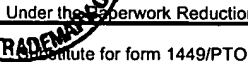
**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Randall B. Bateman	Date	2/15/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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*(Use as many sheets as necessary)*

Sheet

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of

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Application Number	09/836,850
Filing Date	04-16-2001
First Named Inventor	Scott Miles
Art Unit	3742
Examiner Name	Daniel Robinson
Attorney Docket Number	0905.ZEVX.CN1

[illegible][illegible]

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

FEB 18 2005

(use as many sheets as necessary)

Application Number	09/836,850
Filing Date	April 16, 2001
First Named Inventor	Scott Miles et al.
Group Art Unit	3742
Examiner Name	Robinson
Attorney Docket	0905.ZEVX.CI

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-5,810,323	09/22/1998	Winterer et al.	
		US5,704,584	01/06/1998	Winterer et al.	
		US-5,257,978	11/02/1993	Haber et al.	
		US-5,238,218	08/24/1993	Mackal	
		US-5,219,327	06/15/1993	Okada	
		US-5,083,561	01/28/1992	Russo	
		US-4,960,259	10/02/1990	Sunnanvader et al.	
		US-4,728,324	03/01/1988	Steigerwald et al.	
		US-4,689,043	08/25/1987	Bisha	
		US-4,465,489	02/24/1987	Krumme et al.	
		US-4,634,092	01/06/1987	Daniell et al.	
		US-4,624,663	11/25/1986	Danby et al.	
		US-4,559,045	12/17/1985	Danby et al.	
		US-4,524,802	06/25/1985	Lawrence et al.	
		US-4,453,295	06/12/1984	Laszczower	
		US-4,382,453	05/10/1983	Bujan et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

FEB 10 2001  
JCA  
PATENT & TRADEMARK OFFICE  
(Use as many sheets as necessary)

Application Number 09/836,850  
Filing Date April 16, 2001  
First Named Inventor Scott Miles et al.  
Group Art Unit 3742  
Examiner Name Robinson  
Attorney Docket 0905.ZEVX.CI

Sheet 2 of 3

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-4,425,116	01/10/1984	Bilstad et al.	
		US-4,236,880	12/02/1980	Archibald	
		US-4,230,151	10/28/1980	Jonsson	
		US-3,998,364	12/21/1976	Hollander	
		US-3,329,391	07/04/1967	Deane	
		US-3,213,882	10/26/1965	Beatty	
		US-2,858,095	10/28/1958	Harris et al.	
		US-2,471,623	05/31/1949	Hubbell	
		US-5,807,312	09/15/1998	Dzwonkiewicz	
		US-5,826,621	10/27/1998	Jemmott	
		US-6,183,447 B1	02/06/2001	Urrutia	
		US-6,017,332	01/25/2000	Urrutia	
		US-5,395,351	03/07/1995	Munsch	
		US-4,596,557	06/24/1986	Pexa	
		US-5,578,070	11/26/1996	Utterberg	
		US-5,098,406	03/24/1992	Sawyer	
		US-4,579,553	04/01/1986	Urquhart et al.	
		US-5,474,544	12/12/1995	Lynn	
		US-6,209,538 B1	04/03/2001	Casper et al.	
		US-6,398,758 B1	06/04/2002	Jacobsen et al.	
		US-5,531,713	07/02/1996	Mastronardi et al.	
		US-6,196,992 B1	03/06/2001	Keilman et al.	
		US-5,396,925	03/14/1995	Poli	
		US-5,265,847	11/30/1993	Vorhis	
		US-5,022,422	06/11/1991	di Palma	
		US-5,020,562	06/04/1991	Richmond et al.	
		US-4,913,401	04/03/1990	Handke	
		US-4,527,588	07/09/1985	Tseo et al.	
		US-4,142,645	03/06/1979	Walton	

Application Number	09/836,850
Filing Date	April 16, 2001
First Named Inventor	Scott Miles et al.
Group Art Unit	3742
Examlner Name	Robinson
Attorney Docket	0905.ZEVX.CI

(use as many sheets as necessary)

FEB 18 2005

Attachment

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of

3

		US-4,106,675	08/15/1978	Taylor	
		US-4,065,093	12/27/1977	Phillips	
		US-3,998,364	12/21/1976	Hollander	
		US-2,999,499	09/12/1961	R. H. Willet	
		US-2,518,165	08/08/1950	A. C. Millard	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 0,0150,666 A1	14 Sept. 1984	Michel Seehof, et al.		
		EP 0 423 978 A2	24 Apr. 1991	Larry Dodge		
		EP 0 483 794 A1	06 May 1992	Shigeru Okada		

Examiner Signature		Date Considered	
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## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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